

Date: Wed, 9 Jun 93 08:51:36 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #702  
To: Info-Hams

Info-Hams Digest                      Wed, 9 Jun 93                      Volume 93 : Issue 702

Today's Topics:

    40m in Europe, U.S. Buro questions (2 msgs)  
    Amateur Radio Week in State of Illinois and Northbrook Village  
    ANTENNA QUESTION: Use of long wire verticals (2 msgs)  
        Blue Language Repeaters  
    CW in movies (was Re: Ham radio in movies)  
        ham radios in movies  
    HB9CV (was Re: 3 Element, 2m Beam Project ?)  
        HTX-202 error mode  
    IC735 Transverter Output Level  
    June VHF QSO Party - K1TR/3  
        PkGold Users Please...  
        QSLs to Russia and CIS  
    THE JUNE VHF QSO PARTY (the mother of all  
        W5YI Phone Number

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 9 Jun 1993 14:41:31 CET  
From: swrinde!emory!wupost!howland.reston.ans.net!newsserver.jvnc.net!gmd.de!  
dearn!esoc!wkoehler@network.UCSD.EDU  
Subject: 40m in Europe, U.S. Buro questions  
To: info-hams@ucsd.edu

In article <C8BAJG.MqF@world.std.com>, sharon@world.std.com (Sharon M  
Gartenberg) says:

>

>In short: Can I operate on 40m phone from Europe as, say,  
>S5/KC1YR or UC1A/KC1YR in the European phone portion of the band that  
>is off limits to me at home?

When you are operating in Europe you are bound by the rules of the country and of the ITU region you are operating from. That means, on 40 m you can operate phone between 7,040 and 7,100 kHz even though you are using your stateside callsign appended to the respective European prefix (provided you have a valid license for that country). You could even talk to your stateside friends on 40 in split frequency mode. The same is true for the other bands: you could use the phone portions as they are being used in Europe regardless of your (non-)privileges in the States.

73, Wolf.  
DL3ZBJ, AB6EL, VK6BGV.

-----  
Date: 9 Jun 93 13:09:09 GMT  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!agate!  
doc.ic.ac.uk!pipex!uknet!edcastle!spider!raft.spider.co.uk!  
jmorris@network.UCSD.EDU  
Subject: 40m in Europe, U.S. Buro questions  
To: info-hams@ucsd.edu

In article <C8BAJG.MqF@world.std.com> sharon@world.std.com (Sharon M Gartenberg) writes:

>A couple of questions I hope someone might help with:  
>  
>\* If I am operating in Europe with a European reciprocal license,  
>what are the band restrictions for 40m?

The band limits are 7.0 to 7.1 MHz (yes, it sucks, I know!)

Bandplan is 7.00 to 7.04 CW, 7.04 to 7.10 SSB.  
(rtty et al more or less at the join).

>If I am contained to the  
>intersection of my home and host country's priveleges, I will  
>be unable to operate 40m phone at all.

Sounds unlikely - though it may depend on the country.  
In the UK you can operate according to UK licence conditions, which say that ssb is ok over the whole band. Just don't try it below 7.04 though (our bandplans are voluntary) or you might not be popular :-)

> In this case, though, I believe  
>the 40m restrictions are solely to prevent interference with  
>broadcast stations;

No - In Region 1 of the ITU only 7.0 to 7.1 is allocated to amateurs.

> in fact, in certain areas, U.S. hams are  
>permitted additional operating  
>frequencies on phone, if I remember correctly.

Again, sounds unlikely - but I only know the UK situation. Operate outside 7.0 to 7.1 here and you are illegal: You did want to take that nice radio back home with you, didn't you? :-) A hefty fine and confiscation of equipment is standard for operating a transmitter illegally.

The way to work ssb to the USA is by split frequency - or on another band. If you want to do it on 40 be warned: 7.1 to 7.3 here is very noisy, essentially full of b/c stations. You might just hear something between a couple of them, but I never have on the (few) occasions I have looked.

>In short: Can I operate on 40m phone from Europe as, say,  
>S5/KC1YR or UC1A/KC1YR in the European phone portion of the band that  
>is off limits to me at home?  
>

Yes - qualified by "but check with each countries administration". There is no common set of rules which covers all countries, but I would be very surprised if any country had a rule stopping a visiting amateur doing what the locals do (and vice-versa).

>\* Can I send UC1A/KC1YR cards to hams in the States via the ARRL-run  
>buros? In this case, the cards ARE DX cards, even if I am home now.  
>

Well, assuming they are for contacts made while you were out there....:-)

>Thanks,  
>  
Enjoy your trip!

73, John.

--

John Morris != Spider Systems    jmorris@spider.co.uk    GM4ANB@GB7EDN.#77.GBR.EU

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Date: Wed, 9 Jun 1993 14:03:31 GMT  
From: news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.UCSD.EDU  
Subject: Amateur Radio Week in State of Illinois and Northbrook Village  
To: info-hams@ucsd.edu

Public Awareness: Field Day 1993

Earlier this year our club decided to get in touch with the Illinois Governor's office about declaring the week of FD to be Amateur Radio week in Illinois. Today, the publicity chair of our club, North Shore Radio Club, just got word from the Governor's office that the week of June 21-27 will be

Amateur Radio Week in Illinois.

Additionally, the Village President of Northbrook, IL has agreed to proclaim the same week to be Amateur Radio Week in Northbrook.

There probably were others who had petitioned the Governor's office too, but I guess that we will qualify for the 100 bonus points for publicity. :)

Rajiv  
aa9ch  
Address: r-dewan@nwu.edu  
Phone: None on HF. Only CW.

-----  
Date: 9 Jun 1993 13:35:50 GMT  
From: swrinde!emory!gatech!udel!bogus.sura.net!news.larc.nasa.gov!  
grissom.larc.nasa.gov!kludge@network.UCSD.EDU  
Subject: ANTENNA QUESTION: Use of long wire verticals  
To: info-hams@ucsd.edu

In article <1993Jun9.130756.19925@VFL.Paramax.COM> rossi@VFL.Paramax.COM (Pete Rossi) writes:

>  
>For something real simple, I was thinking of picking up 3-4 helium  
>"party balloons" and tie 33 ft of 28-30 gauge wire to it and anchor  
>the other end to the tuner. As long as the wind is not too strong it  
>should work fine for a few hours.

This works very well. You can get 3" weather balloons from Edmund Scientific for a few bucks... I think Herbach and Rademan in Philadelphia has them as well.

I might point out that you should be extremely careful about this. We did this about two years ago at field day, and the antenna line tore in a strong breeze. It was carried several miles and bridged across a high voltage transmission line, causing power outages in many places around the area. Be sure to use a heavy enough line, don't do it in a storm, and make sure the guys operating the tether aren't drunk out of their skulls.

>Idea #2 : Use a simple 1/4 wave vertical (16 ft) stuck right in the sand at  
>the waters edge. If I push in a few short ground rods to establish a good  
>earth/ground connection to the salt water then it should not require any  
>radials and should work pretty good. I just need to come up with a  
>simple/portable/collapsible 16 foot mast.

This works fairly well, too for a ground system. Around here the ground is fairly marshy even inland, so this is pretty common.

--scott

--

"C'est un Nagra. C'est suisse, et tres, tres precis."

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Date: 9 Jun 93 13:07:56 GMT

From: swrinde!gatech!pitt.edu!dsinc!gvls1!rossi@network.UCSD.EDU

Subject: ANTENNA QUESTION: Use of long wire verticals

To: info-hams@ucsd.edu

I am considering trying a QRP Field Day operation from the beach in Southern New Jersey. I am trying to decide what to use for an antenna. I have narrowed it down to basically 2 choices. Operation will be limited to 20 meters only.

Idea #1 : Use a kite and/or small balloon to raise a wire 35-40 feet in the air. Simplest configuration would be to use a 1/2 wave (33 ft) wire end fed with a tuner. I might be able to go higher without too much trouble, however, I am unfamiliar with how a 1 or 2 wavelength vertical would perform and whether it would be worth the extra work/problems. I would assume that I should try to keep the wire on multiples of 1/2 wavelength (33, 66, 99 ft, etc). Anyone ever do this? Suggestions?

For something real simple, I was thinking of picking up 3-4 helium "party balloons" and tie 33 ft of 28-30 gauge wire to it and anchor the other end to the tuner. As long as the wind is not too strong it should work fine for a few hours.

Idea #2 : Use a simple 1/4 wave vertical (16 ft) stuck right in the sand at the waters edge. If I push in a few short ground rods to establish a good earth/ground connection to the salt water then it should not require any

I am trying to keep this as simple as possible since I probably will only be set up for a few hours -- or for as long as my battery holds out..

Paramax Systems Corporation - a Unisys Company  
Valley Forge Engineering Center - Paoli, Pennsylvania

Gawd, here we go again.... Yet another flurry of allegories!

8-}

A couple of days ago I watched an old Ginger Rogers and Fred Astaire special that was produced by RKO Radio Pictures. Instead of a lion's roar or silhouettes of women dancing in a gun barrel :), it had "A Radio Picture" in letters and CW. This was followed by a few "V"s before the rest of the credits got started.

Just like the CW tests!! :)

Rajiv  
aa9ch

.....  
Address Internet: r-dewan@nwu.edu  
Amateur Radio Packet: aa9ch@w8lvn.il.usa.na  
.....

-----  
Date: 9 Jun 93 13:41:00 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!tamsun.tamu.edu!news@network.UCSD.EDU  
Subject: ham radios in movies  
To: info-hams@ucsd.edu

In article <1v3eiq\$kcvc@jethro.Corp.Sun.COM> tjonz@caliban.Corp.Sun.COM (Todd Jonz) writes:

> turner@safety.ics.uci.edu (Clark Savage Turner) writes:

>

> > I have seen ham radio equipment in a number of movies. I wonder if

> > others keep track:

>

In "Point of No Return" (actually better than the trailers), there is a scene with most likely a new kenwood, with a "cordless headset"?

Seems that the kenwood's with their slick black finish and molded antenna have the most screen appeal.

James

--

jlong@emcnext2.tamu.edu  
Electron Microscopy Center  
Texas A&M University  
College Station, TX 77843-2257

-----  
Date: Wed, 9 Jun 1993 13:40:18 CET  
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!newsserver.jvnc.net!gmd.de!dearn!esoc!wkoehler@ames.arpa  
Subject: HB9CV (was Re: 3 Element, 2m Beam Project ?)  
To: info-hams@ucsd.edu

In article <C8B3Jo.A2o@hermes.hrz.uni-bielefeld.de>,  
bsieker@techfak.uni-bielefeld.de (Bernd Sieker) says:

>At first I was a little surprised to read the value of 8.5 dB for the  
>HB9CV, but then I must remember that in the US. antenna gain is  
>measured with regard to a (fictitious) spherical radiating antenna,  
>whereas in europe it is usually measured with regard to a lambda/2  
>dipole antenne. So the value I used to know was 5.5 dBi over dipole.

^^^^^^^^^^^^^^^^

You cannot say 'dBi over a dipole' as it doesn't make sense.  
Since dB constitutes a ratio you always have to give the basis  
it is related to. So you can use either of the following:

5.5 dBd    or   5.5 dB   over a (halfwave) dipole  
5.5.dBi    or   5.5 dB   over an isotropic (that's what the 'i' is for)  
                 radiator

The difference ('the gain') between an isotropic radiator and a  
halfwave dipole is 2.1 dB if I'm not mistaken. So if you see an  
antenna being advertised or described with an unusually high gain,  
always suspect that it is in dBi.

Without having the figures at hand I would assume that for the  
HB9CV (an antenna widely used all over Europe and beyond) a gain  
of approximately 5.5 dBd = 7.6 dBi is realistic.

BTW, some other usages of dB with indices are:

dBm    =   dB over 1 milliwatt (at 50 Ohms)  
dBW    =   dB over 1 Watt (again at 50 Ohms)

73, Wolf.

DL3ZBJ, AB6EL, VK6BGV.

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Date: Wed, 9 Jun 1993 14:24:08 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-  
state.edu!sdd.hp.com!news.cs.indiana.edu!rsg1.er.usgs.gov!resdgs1.er.usgs.gov!  
tbodoh@network.UCSD.EDU  
Subject: HTX-202 error mode  
To: info-hams@ucsd.edu

In article <1787700037@trsvax>, rpo@trsvax.tandy.com writes:

|>  
|> This is caused by a near-dead backup lithium battery. The average  
|> life of these batteries is about 1 year, so (considering shelf time)  
|> this is pretty normal.  
|>  
|> Paul Opitz, N5TPQ  
|> Radio Shack Publications  
|>



--

Only 1 year??? Everything I've seen about lithium batteries says that they last 5 to 10 years when used for memory backup. I suppose you could drain it in a year if you removed all other power. A lithium backup battery should last much longer than 1 year...

++++++  
+ Tom Bodoh - Sr. systems software engineer  
+  
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +  
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)  
+  
+ "Welcome back my friends to the show that never ends!" EL&P  
+  
++++++

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Date: Wed, 9 Jun 93 13:37:04 GMT  
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!torn!nott!bnrgate!bnr.co.uk!  
uknet!uos-ee!ee.surrey.ac.uk!M.Willis@ames.arpa  
Subject: IC735 Transverter Output Level  
To: info-hams@ucsd.edu

I remember a while ago someone posted an article about how to increase the output level (30mV) from an IC735 to a more useful level. I wonder if anyone has a copy of this article and could please send me a copy.

73 Mike

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Date: 9 Jun 93 13:43:49 GMT  
From: ogicse!emory!gatech!howland.reston.ans.net!europa.eng.gtefsd.com!  
rocky.tntn.gtegsc.com!not-for-mail@network.UCSD.EDU  
Subject: June VHF QSO Party - K1TR/3  
To: info-hams@ucsd.edu

The Bird's Hill VHF Society (K1TR/3) will again be active this weekend in the June VHF Contest from FN20ft (near Allentown, PA). We will be on 50-432 MHz and are seeking skeds from any stations within 600-700 miles or so from northeastern Pennsylvania. We are well equipped on all the bands so don't be afraid that we won't be able to work you.

Also, we will be on 146.55 and 223.5, and 446.0 FM simplex every hour,

on the hour, for FM contacts. Tell all your friends. Our range extends from northern Maryland out to central Pennsylvania and up towards New York City and slightly beyond.

Please send e-mail by the end of today (Wednesday) or call me at one of the numbers below. You can call the home number until fairly late tonight (Wednesday).

--

Dave Pascoe KM3T  
Internet: pascoe@rocky.tntn.gtegsc.com  
(508) 880-2297  
Home: (508) 655-715

-----  
Date: 9 Jun 1993 13:56:36 GMT  
From: agate!howland.reston.ans.net!noc.near.net!jericho.mc.com!fugu!  
levine@ames.arpa  
Subject: PkGold Users Please...  
To: info-hams@ucsd.edu

I would like to hear from users of PkGOLD Packet Software. I have been using v7.xx for a long time and am now having communications difficultly (between the computer and the TNC) since upgrading to V8.xx (with Pactor option)

Using V7.xx I can leave the program running for days. Using V8.xx and the same connections, the program crashes after 10-15 minutes complaining about "Computer to TNC communications have failed".

My packet setup is IBM XT, PK88, TBaud=19200. (I have tried V8.xx with TBaud 9600 and same symptoms)

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Date: Wed, 9 Jun 1993 14:31:28 GMT  
From: news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.UCSD.EDU  
Subject: QSLs to Russia and CIS  
To: info-hams@ucsd.edu

In article <m19jq6INNfa1@news.bbn.com> levin@bbn.com (Joel B Levin) writes:  
>What is the up-to-date story on sending QSLs to Russia or the other  
>former Soviet republics? I want to exchange cards with a Ukrainian  
>ham. He's in the call book. (I haven't checked for a foreign QSL  
>manager, though, I should have thought of that. Well, assuming he  
>doesn't have one:)  
>

>Is the bureau back on it feet yet, or would that be a waste of time  
>right now? Are green stamps or IRCs any use, or are they likely to  
>get ripped off? Etc. The last posting on this topic I saw here was  
>several months ago, and things may have changed.

>

I have received QSLs from CIS hams by Bureau and in mail. In fact,  
just got one from LY2GP - Alex in Latvia.

Many CIS hams, especially the ones who are very active on the bands,  
have European or States sides QSL managers. The GO list is a place  
to start. Also check out recent DX Bulletins, QRZ DX, DX Magazine  
and other sources. For example, F6FNU, is a QSL manager for many  
many CIS hams. There are managers in US who will attempt to get a  
card for you. I can dig out the specifics if you would like. I have  
also had some response from some mailed direct with an IRC.

Rajiv

aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.

-----  
Date: Wed, 9 Jun 1993 13:21:16 GMT

From: agate!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!csc.ti.com!  
tilde.csc.ti.com!mksol!mmrsrv!craigs@ames.arpa

Subject: THE JUNE VHF QSO PARTY (the mother of all

To: info-hams@ucsd.edu

We'll be roving again this year!

Look for KA5B0U and N5PGH in EM12, EM13, EM22, EM23, EM14, and EM24 on 6m, 2m,  
440, 1.2, 2304, and 10GHz FM-W.....

Craig Young, KA5B0U

-----  
Craig S. Young

Texas Instruments Incorporated

2501 W. University

McKinney, TX 75070

Email: craigs@lobby.ti.com

Phone: (214) 952-4616

"I speak only for me, not TI"

-----  
Date: 9 Jun 93 14:17:49 GMT

From: ogicse!uwm.edu!ux1.cso.uiuc.edu!uchinews!hayward@network.UCSD.EDU

Subject: W5YI Phone Number

To: info-hams@ucsd.edu

Does anyone have the W5YI phone number?

Thanks

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Kristin R. Hayward                      University of Maine                      WX9T  
kristin@gandalf.umcs.maine.edu    (yeah, I know I didn't post from there)

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Date: Wed, 9 Jun 1993 13:41:42 GMT  
From: agate!usenet.ins.cwru.edu!ukma!rsg1.er.usgs.gov!resdgs1.er.usgs.gov!  
tbodoh@ames.arpa  
To: info-hams@ucsd.edu

References <1993Jun8.150037.3912@kd4nc.uucp>,  
<1993Jun08.221235.18468@news.mentorg.com>,  
<1993Jun8.234634.29588@random.ccs.northeastern.edu>:  
Subject : Re: ICOM IC-2SRA Mods...

In article <1993Jun8.234634.29588@random.ccs.northeastern.edu>,  
bungles@ccs.northeastern.edu (Michael S. Pappalardo) writes:  
|> Does anyone have any mods for the Icom IC-2SRA? maybe something that allows  
|> tx on the 29-906 MHz...  
|>                                              Michael  
|>

--  
I didn't notice a smiley :-) after your question on wideband xmit...while  
there most likely is a mod that opens up xmit on the SRA, it probably will  
only open it up to 160 or 170 Mhz. For a radio to have 29-906 Mhz xmit, it  
would need to be tremendously large in order to house all of the necessary  
circuitry. I don't think that the FCC would approve such a radio. The  
closest you might come is the ICOM 901, which you can add several band units  
including 6M, 2M, 220, 70CM, 1270 and a wideband receiver. Bye...

+++++  
+ Tom Bodoh - Sr. systems software engineer  
+  
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198                      (605) 594-6830                      +  
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)  
+  
+ "Welcome back my friends to the show that never ends!" EL&P  
+

+++++

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Date: 9 Jun 93 14:26:35 GMT  
From: ogicse!uwm.edu!linac!sunova!usenet@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Jun8.155428.12876@peavax.mlo.dec.com>,  
<739590295snx@llondel.demon.co.uk>, <2C1580B3.26758@ics.uci.edu>  
Subject : Re: Ham Radios in movies

Lemme tell ya about a little tussle I had with Chuck Norris recently.....

Oh, the topic is "Ham Radios in Movies".....I thought it was "Movies in Ham  
Radios". Duh! neva mind.....

Chuck Adams, WB5WRR (The Chuckster)  
Not an official document of DOE, SSCL, URA or EG&G  
"I cut you three ways, man: quick, deep and frequently"  
Internet: chuck\_adams@qmail.ssc.gov

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End of Info-Hams Digest V93 #702

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